NETGEAR®
Connect with Innovation™

6-bay High Performance Network Attached Storage
ReadyNAS Pro™ *Business Edition*

Data Sheet

Performance, capacity, and ease-of-use

- High-performance architecture for fast data throughput
- Up to 9 TB storage
- Data protection with auto RAID management and online volume expansion
- Works with Windows®, Mac®, and Linux® clients across the network
- Dual Ethernet failover design for high availability
- iSCSI for compatibility with Microsoft Exchange and database servers

ReadyNAS™ Pro is the newest and most powerful member of the award-winning ReadyNAS product family. Designed for small and medium businesses, workgroups and home offices, ReadyNAS Pro delivers class-leading performance, ease of use, and robust features in a small desktop form factor chassis supporting 6 SATA channels and up to 9 TB of storage. This 6-bay network attached storage (NAS) appliance is packed with enterprise server features, including RAID (redundant array of independent disks) levels 0, 1, 5, 6, and Auto-Expandable X-RAID2 support for data protection against disk failure, system monitoring capabilities and built-in backup. To ensure high availability to stored data, the ReadyNAS Pro features dual redundant Gigabit Ethernet ports for failover protection.

Class-leading Performance

Powered by an Intel® multi-core processor, the ReadyNAS Pro is a powerful NAS for mission-critical business data across a variety of different platforms. The high-performance platform coupled with dual Gigabit Ethernet and jumbo frame support provides enough bandwidth to allow more users to access data storage simultaneously.

Easy Deployment and Management

With an easy Web browser interface and setup wizard, ReadyNAS can be configured with minimal effort — saving you valuable time. Traditional file servers can take hours to configure, and they don't have built-in system monitoring and email alerts. With the ReadyNAS Pro, you'll receive email alerts whenever something out of the ordinary arises, such as disk failure, over-temperature condition, and fan failure, giving you peace of mind.

RAID

The ReadyNAS Pro utilizes hardware-accelerated RAID to ensure full data redundancy without compromising the system performance. Incorporating Intel Matrix Storage Technology, the ReadyNAS Pro supports RAID levels 0, 1, 5, 6, and NETGEAR's patent pending X-RAID2™, with hot spare capability. With RAID 6, the system ensures data integrity even with 2 simultaneous disk failures. The extra disk bays provided by the 6-bay ReadyNAS Pro makes RAID 6 and hot spares practical options worth considering to prevent any prolonged state in which the ReadyNAS data volume is left in an unprotected state.

X-RAID2™ Technology

X-RAID2 is the 2nd generation of ReadyNAS's proven patent-pending Auto-Expandable RAID technology. X-RAID2 automates the volume expansion for you as you scale from 1 drive to 6 drives while keeping your data online. Additionally, as your storage requirement grows, you can replace your disks with larger capacity ones, and X-RAID2 automatically and incrementally expands your storage "vertically." No other NAS devices in this class can do this without reformatting your disks and shuffling your data back and forth.

24/7 TECHNICAL SUPPORT*

1-888-NETGEAR (638-4327)
Email: info@NETGEAR.com

NETGEAR 5 YEAR WARRANTY*

Backup

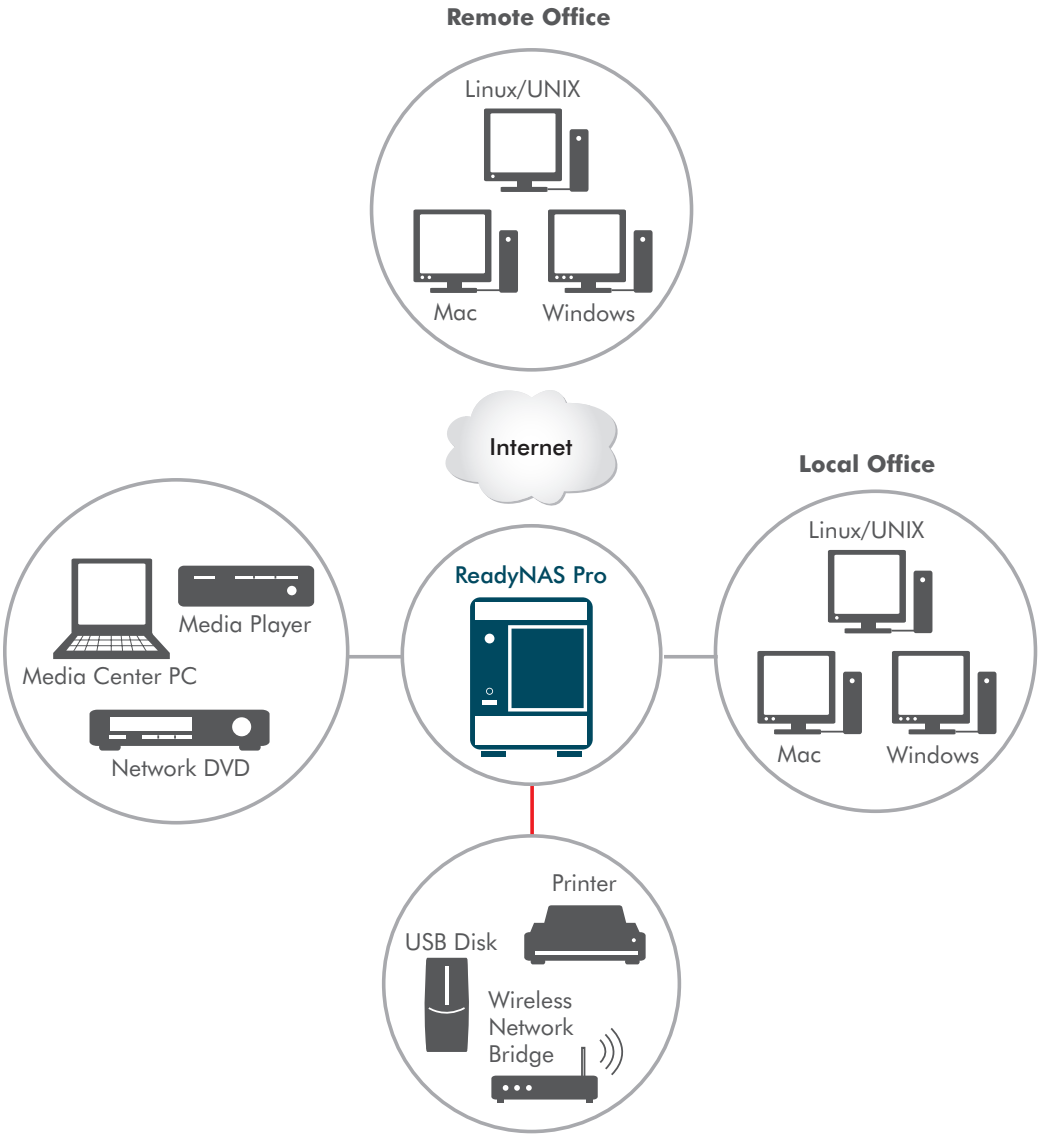
A sound backup strategy is important. Relying on manually copying your important files is tedious and error-prone. The Pro ships with NTI Shadow designed specially for the ReadyNAS allowing continuous data protection (CDP) between your Windows and Mac clients and the ReadyNAS. In addition to CDP, Shadow provides versioning support so that you can revert to any past saved version of your files. Additionally, the ReadyNAS Pro includes an integrated backup manager that enables one-button backup between your NAS appliance and external USB HDD for offsite rotation, or remote servers.

Advanced System Design

The industrial design and compact desktop form factor of the ReadyNAS Pro makes it perfect not just for small and medium size businesses, but also for departments and work groups. Standing only ten inches tall and seven inches wide, it can fit in any server space or on any desk. ReadyNAS Pro also offers low power consumption and a special energy-saving mode allowing you to not only spin-down your drives but also program the ReadyNAS to automatically power on only when the device will be in use. In addition, with Wake-on-LAN, you can power off the ReadyNAS and wake it up remotely when you need to access it.

File Serving and Media Streaming

ReadyNAS Pro is a single centralized source for all of your digital data. The variety of computers and external drives that currently house the data in your office and home can make locating a particular file quite arduous. The ReadyNAS Pro can bring all of that data together for fast and easy file serving to multiple clients across the local network or via the Internet.



- **Technical Specifications**
  - Intel multi-core processor
  - 1 GB DDR2 DIMM (expandable with additional slot, supports up to 4 GB)
  - Embedded 128 MB Flash Memory for OS
  - 6 Serial ATA II channels
  - Hot swappable and lockable trays
  - Two 10/100/1000 Ethernet ports with load balancing and failover
  - OLED display
  - 3 USB 2.0 ports
  - Supports Windows, Mac, Linux/UNIX Clients
  - DHCP server and print server
  - Setup Wizard and easy browser-based interface
- **RAID**
  - Hardware-accelerated X-RAID2 single volume auto expansion
  - Multiple volume support for hardware-accelerated RAID 0, 1, 5, 6
  - Hot swap support
  - Hot spare support
- **Volumes**
  - Single volume auto expansion (X-RAID2)
  - Advanced volume management (Flex-RAID)
  - iSCSI target option*
  - Journaled file system
  - User and group quotas
- **Network File Services**
  - CIFS/SMB for Windows
  - AFP 3.1 for Mac OS 9/X
  - NFS v2/v3 for Linux and UNIX
  - HTTP/S for web browsers
  - FTP/S support
  - Rsync
- **Network Streaming Services**
  - UPnP AV
  - Logitech Squeeze Center
  - Apple iTunes® Server
- **Media Streaming**
  - Windows MCE compatible
  - Sonos® music player
  - SONY PlayStation®3
  - Microsoft Xbox®, Xbox 360®
  - NETGEAR Digital Entertainer HD EVA8000 Series
  - Network DVD player compatible
- **Network Security**
  - Selectable, user, domain/ ADS modes
  - Windows ACL
  - Encrypted network logins
  - Secure Sockets Layer (SSL)
- **Open Platform**
  - FrontView with open SDK
  - Root SSH access
- **Network Options**
  - DHCP or static IP
  - WINS
  - NTP
- **System Management**
  - Performance options
  - Device status
  - System configuration backup and restore
  - Email alerts and event logs
  - SNMP
- **Backup**
  - Integrated Backup Manager
  - Programmable backup button
  - Remote backup over CIFS/NFS/FTP/ HTTP & Rsync
  - Backup to/from USB disks
  - NTI Shadow for ReadyNAS with CDP versioning support for Windows and Macintosh
- **USB Devices Supported**
  - Printers
  - USB HDD
  - Flash devices with camera auto-copy
  - UPS with monitoring and auto-shutdown
- **Power-saving Options**
  - Disk spin-down
  - Power-on schedule
  - Wake-on-LAN
- **Web Browsers Supported**
  - Internet Explorer 7.0+
  - Opera 7.0+; Safari 2.0+
  - Mozilla Firefox® 2.0+
- **Languages**
  - Management UI: English, Japanese, Chinese, French, and German
  - File name: Unicode
- **Electrical**
  - 300W server-rated AC power supply
  - Input: 100 – 240V AC, 50/60 Hz
- **Power Consumption**
  - 115W typical (With 6 x 1 TB disks)
  - Lowers with power-saving modes
- **Thermal**
  - Software-controlled 120 mm chassis cooling fan
  - Software-controlled 90 mm CPU cooling fan
  - Fan failure alert
  - High temperature email alert with auto-shutdown option
- **Operating Environment**
  - 0° - 40° C
  - 20% – 80% humidity (non-condensing)
  - FCC, UL, CE, C-Tick, MIC, VCCI, RoHS compliance
- **Physical**
  - Kensington lock security hole
  - Dimensions: (h x w x d) 250 x 170 x 285 mm (10.0 x 6.7 x 11.2 in)
  - Weight: 7.5 kg (16.5 lb) without disks
- **Optional Spare Parts**
  - Lockable SATA disk tray
  - 120 mm chassis fan
- **Available Configurations:**

  Business Edition
  - RNDP6350 – 1.5 TB (3 x 500 GB HDD)
  - RNDP6310 – 3.0 TB (3 x 1000 GB HDD)
  - RNDP6610 – 6.0 TB (6 x 1000 GB HDD)
- **Warranty**
  - NETGEAR 5-year Warranty†

NETGEAR®

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*Contact your NETGEAR representative for details.

**Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

†The 5-Year hardware warranty covers hardware, fans, internal power supplies only, and does not include external power supplies or software. Hardware modifications or customization void the warranty. The warranty is only valid for the original purchaser and cannot be transferred.